

- 1 1. A method for storing data and checking the validity of stored data when such stored  
2 data is read, comprising:
  - 3 transmitting the data from a source thereof for storage in a first storage device
  - 4 and transmitting a CRC associated with such data for storage in a second, different
  - 5 storage device;
  - 6 retrieving the data stored in the first storage device;
  - 7 determining a CRC associated with the retrieved data; and
  - 8 comparing the determined CRC with the CRC stored in the second storage device.
- 1 2. The method recited in claim 2 wherein the first storage device is a disk drive.
- 1 3. A method for storing data on a disk drive and checking the validity of data read from  
2 such disk drive, comprising:
  - 3 transmitting the data from a source thereof for storage in the disk drive and
  - 4 transmitting a CRC associated with such data for storage in a different disk drive;
  - 5 retrieving the data stored on the disk drive;
  - 6 determining a CRC associated with the retrieved data; and
  - 7 comparing the determined CRC with the CRC stored in the second disk drive.
- 1 4. The method recited in claim 3 wherein the second disk drive is a parity disk drive.
- 1 5. A method for storing data on a disk drive and checking the validity of data read from  
2 such disk drive, comprising:
  - 3 transmitting the data from a source thereof for storage in the disk drive through a
  - 4 first transmission path and transmitting a CRC associated with such data for storage in a
  - 5 storage medium through a second path separate from the disk drive;
  - 6 retrieving the data stored on the disk drive;
  - 7 determining a CRC associated with the retrieved data; and
  - 8 comparing the determined CRC with the CRC stored in the storage medium.
- 1 6. The method recited in claim 5 wherein the storage medium is a second disk drive;

1 7. The method recited in claim 6 wherein the second disk drive is a parity disk drive for  
2 storing a parity of the data transmitted by the source to the disk drive.

1 8. A method for storing a plurality of blocks of data on a corresponding one of a  
2 plurality of disk and checking the validity of plurality of blocks of data read from  
3 such disk drives, comprising:  
4 transmitting the blocks of data from a source thereof for storage in the disk drives  
5 through a plurality of different transmission paths and transmitting CRCs associated with  
6 each one of the blocks of data for storage in a storage medium through a path separate  
7 the plurality of different transmission paths;  
8 retrieving the blocks of data stored in the disk drives;  
9 determining CRCs associated with the blocks of retrieved data; and  
10 comparing the determined CRCs with the CRCs stored on the storage medium.

1 9. The method recited in claim 8 wherein the storage medium is a second disk drive.

1 10. The method recited in claim 9 wherein the second disk drive is a parity disk drive  
2 for storing a parity of the data transmitted by the source to the disk drive.